Docket	No.	

## DECLARATION AND POWER OF ATTORNEY

	clare that:			
My residence, post office address, and c I believe I am the original, first and sole listed below) of the subject matter which	investor (if only one name is listed hat	014) 05 00 0 minimal	first and joint inventor (intion entitled:	f plural names are
	TITANIUM DIOXIDE FINE P.	ARTICLES AN	D METHOD FOR PR	ODUCING THE SAM
the specification of which (check one)Al	ND METHOD FOR PRODUCING	VISIBLE LI	GHT ACTIVATABLE	PHOTOCATALYST
is attached hereto				
Was filed on as	Application Serial No.	and was as	mended on	(if applicable).
I hereby state that I have reviewed and a amendment referred to above.	understand the contents of the above-ide	entified specification	n, including the claims, s	a amended by any
I acknowledge the duty to disclose infor Regulations \$ 1.56.	mation which is known by me to be m	aterial to patentabi	ility as defined in Title 37	, Code of Federal
I hereby claim foreign priority benefit certificate listed below and have also ide of the application on which priority is o PRIOR FOREIGN APPLICATION(S		§ 119 of any for r patent or inventor	cign application(s) for pr 's certificate having a fili	leat or inventor's ng date before that
NUMBER	COUNTRY	DAY/M	IONTIL/YEAR FILED	PRIORITY
2002-271576	Japan	18/8	September/2002	CLAIMED
2003-050677	Japan		ebruary/2003	YES
2003-275369	Japan		/July/2003	
2002-271575	Japan			YES
2003-050678		18/8	eptember/2002	YES
2003-030678	Japan		ebruary/2003	YES
2003-273370	Japan Japan	16	/July/2003	YES
I hereby claim the benefit under Title 3 matter of each of the claims of this a paragraph of Title 35, United States C patentability as defined in Title 37, Co the national or PCT international filing		h occurred between	n the filing date of the pe	ior application and
APPLICATION SERIAL NO.	FILING DATE		STATUS: PATENTED ABANDONE	PENDING,
U				<del></del>
				<u> </u>
I hereby appoint as my attorneys, with Patent and Trademark Office connecte Evans, Reg. No. 26,269; John J. Peldh D. Saxe, Reg. No. 28,663; Richard L. Send all correspondence to FOLRY & Address telephone communications to	LARDNER, 3000 K Street, N.W., Su at (202) 672	te 500, P.O. Box ite 500, P.O. Box	n. Biumenthal, Reg. No. 1; Peter G. Mack, Reg. No. 22,115. 25696, Washington, DC	t all business in the 26,257; Joseph D. 26,001; Bernhard 20007-8696.
Evans, Reg. No. 26,269; John J. Feldh D. Saxe, Reg. No. 28,665; Richard L. Send all correspondence to FOLRY & Address telephone communications to I hereby declare that all statements mibelieved to be true; and further that the punishable by fine or imprisonment, o may jeopardize the validity of the app	LARDNER, 3000 K Street, N.W., Su at (202) 672  ade herein of my own knowledge are these statements were made with the knowledge to the statement of the stateme	y, Reg. No. 19,980 chwartz, Reg. No. ite 500, P.O. Box -5300.	A. Biumenthal, Reg. No. ); Peter G. Mack, Reg. No. 22,115. 25696, Washington, DC	t all business in the 26,257; Joseph D. 26,001; Bernhard 20007-8696.
Evans, Reg. No. 26,269; John J. Feldh D. Saxe, Reg. No. 28,665; Richard L Send all correspondence to FOLRY & Address telephone communications to I hereby declare that all statements mbelieved to be true; and further that the punishable by fine or imprisonment to	LARDNER, 3000 K Street, N.W., Su at (202) 672  ade herein of my own knowledge are these statements were made with the knowledge to the statement of the stateme	y, Reg. No. 19,980 chwartz, Reg. No. ite 500, P.O. Box -5300.  The and that all state of the United State	A. Biumenthal, Reg. No. ); Peter G. Mack, Reg. No. 22,115. 25696, Washington, DC	t all business in the 26,257; Joseph D. 26,001; Bernhard 20007-8696.
Evans, Reg. No. 26,269; John J. Feldh D. Saxe, Reg. No. 28,665; Richard L. Send all correspondence to FOLRY & Address telephone communications to I hereby declare that all statements mbelieved to be true; and further that the punishable by fine or imprisonment, of may jeopardize the validity of the app  Full Name of First or Sole Inventor  Zhonghua ZHO	LARDNER, 3000 K Street, N.W., Su at (202) 672  ade herein of my own knowledge are these statements were made with the knowledge to the statement of the stateme	y, Reg. No. 19,980 chwartz, Reg. No. ite 500, P.O. Box -5300.  The and that all state of the United State	A. Biumenthal, Reg. No. ); Peter G. Mack, Reg. No. 22,115.  25696, Washington, DC stements made on informul false statements and the Code and that such will	t all business in the 26,257; Joseph D.  26,001; Bernhard  20007-8696.  Ition and belief are e like so made are ful false statements
Pvana, Reg. No. 26,269; John J. Feldh D. Saxe, Reg. No. 28,665; Richard L. Send all correspondence to FOLRY & Address telephone communications to I hereby declare that all statements mbelieved to be true; and further that the punishable by fine or imprisonment, o may jeopardize the validity of the app	LARDNER, 3000 K Street, N.W., Su at (202) 672  ade herein of my own knowledge are these statements were made with the knowledge to the statement of the stateme	y, Reg. No. 19,980 chwartz, Reg. No. ite 500, P.O. Box -5300.  The and that all state of the United State	the Bitmenthal, Reg. No. 1; Peter G. Mack, Reg. No. 22,115.  25696, Washington, DC thements made on informula false statements and the Code and that such will st or Solo Inventor	t all business in the 26,257; Joseph D. D. 26,001; Bernhard 20007-8696.  Attion and belief are the like so made are ful false statements  Date  Aug. 25,43
Evans, Reg. No. 26,269; John J. Feldh D. Saxe, Reg. No. 28,665; Richard L Send all correspondence to FOLRY & Address telephone communications to I hereby declare that all statements mbelieved to be true; and further that Upunishable by fine or imprisonment, o may jeopardize the validity of the app  Full Name of First or Sole Inventor Zhonghua ZHO  Residence Address  Hadano-shi, Kana	aus, Rcg. No. 28,822; Donald D. Ieffer. Schwasb, Rcg. No. 25,479; Arthur S.  LARDNER, 3000 K Street, N.W., Su at (202) 672  adde herein of my own knowledge are these statements were made with the knowledge statements were made with the knowledge are these statements were made with the knowledge are the statements were attached and the statements were attached at the statements were attache	y, Reg. No. 19,980 chwartz, Reg. No. ite 500, P.O. Box -5300.  The and that all state of the United State	temental made, Reg. No. 1; Peter G. Mack, Reg. No. 22,115.  25696, Washington, DC tements made on informula false statements and the Code and that such will stor Solo Inventor	t all business in the 26,257; Joseph D. D. 26,001; Bernhard 20007-8696.  Attion and belief are the like so made are ful false statements  Date  Aug. 25,43
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Signatures should confirm to names as typewritten. 

Additional inventors on attached Page 2.

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Residence Address		Country of Citizenshi	P
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	- Jupun	· · · · · · · · · · · · · · · · · · ·	
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Machida-shi, Tokyo 194-0014 Japan			
Full Name of Fourth Inventor	Signature of Por	anth Variantes	Dato
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	Signature of Fif	th Inventor  Shiman  Country of Citizensh	Aug, 25, 03
Shunzo SHIMAI	Signature of Fif	Shimar	Aug, 25, 03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address	Shungo	Shi man Country of Citizensh	Aug, 25, 03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan	Shungo	Shi man Country of Citizensh	Aug, 25, 03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address	Shungo 811 Japan	Shiman Country of Citizensh Japan	Aug, 25, 03
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Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address 62-4, Daikata, Tougane-shi, Chiba 283-0	Shungo 811 Japan Signature of Sin	Shiman Country of Citizensh Japan	Aug, 25, 03
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Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address  62-4, Daikata, Tougane-shi, Chiba 283-0  Full Name of Sixth Inventor  Hiroshi YAMAGUCHI	Shungo 811 Japan Signature of Sin	Shiman  Country of Citizensh  Japan  th Inventor  Yamaguchi  Country of Citizensh	Aug, 25, 03 ip Date Aug. 25, 03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address 62-4, Daikata, Tougane-shi, Chiba 283-0  Full Name of Sixth Inventor Hiroshi YAMAGUCHI  Residence Address  Kawasaki-shi, Kanagawa Japan	Shungo 811 Japan Signature of Sin	Shi man Country of Citizensh Japan  th Inventor  Yamaguchi	Aug, 25, 03 ip Date Aug. 25, 03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address 62-4, Daikata, Tougane-shi, Chiba 283-0  Full Name of Sixth Inventor Hiroshi YAMAGUCHI  Residence Address  Kawasaki-shi, Kanagawa Japan  Post Office Address	Shungo  811 Japan  Signature of Six  Hirosh	Shiman  Country of Citizensh Japan  Ath Inventor  Yamaguchi  Country of Citizensh Japan	Aug, 25, 03 ip  Date  Aug. 25.03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address 62-4, Daikata, Tougane-shi, Chiba 283-0  Full Name of Sixth Inventor Hiroshi YAMAGUCHI  Residence Address  Kawasaki-shi, Kanagawa Japan	Shungo  811 Japan  Signature of Six  Hirosh	Shiman  Country of Citizensh Japan  Ath Inventor  Yamaguchi  Country of Citizensh Japan	Aug, 25, 03 ip  Date  Aug. 25.03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address 62-4, Daikata, Tougane-shi, Chiba 283-0  Full Name of Sixth Inventor Hiroshi YAMAGUCHI  Residence Address  Kawasaki-shi, Kanagawa Japan  Post Office Address	Shungo  811 Japan  Signature of Six  Hirosh	Shiman  Country of Citizensh Japan  Country of Citizensh Japan  214-0037 Japan	Aug, 25, 03 ip  Date  Aug. 25.03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address 62-4, Daikata, Tougane-shi, Chiba 283-0  Full Name of Sixth Inventor Hiroshi YAMAGUCHI  Residence Address Kawasaki-shi, Kanagawa Japan  Post Office Address 4-23-21, Nishiikuta, Tama-ku, Kawasaki-  Full Name of Seventh Inventor	Shungo  811 Japan  Signature of Six  Hurosh	Shiman  Country of Citizensh Japan  Country of Citizensh Japan  214-0037 Japan	Aug, 25, 03 ip  Date  Aug. 25.03
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address 62-4, Daikata, Tougane-shi, Chiba 283-0  Full Name of Sixth Inventor Hiroshi YAMAGUCHI  Residence Address Kawasaki-shi, Kanagawa Japan  Post Office Address 4-23-21, Nishiikuta, Tama-ku, Kawasaki-  Full Name of Seventh Inventor Hiroyuki KONDO	Shungo  811 Japan  Signature of Six  Hurosh	Shiman  Country of Citizensh Japan  The Inventor  Country of Citizensh Japan  214-0037 Japan  venth Inventor	Aug, 25, 03 ip  Date Aug. 25.03 iip
Shunzo SHIMAI  Residence Address Tougane-shi, Chiba Japan  Post Office Address 62-4, Daikata, Tougane-shi, Chiba 283-0  Full Name of Sixth Inventor Hiroshi YAMAGUCHI  Residence Address Kawasaki-shi, Kanagawa Japan  Post Office Address 4-23-21, Nishiikuta, Tama-ku, Kawasaki-  Full Name of Seventh Inventor Hiroyuki KONDO  Residence Address	Shungo  811 Japan  Signature of Six  Hurosh	Country of Citizensh Japan  The Inventor  Country of Citizensh Japan  214-0037 Japan  Venth Inventor  Country of Citizensh  Country of Citizensh	Aug, 25, 03 ip  Date Aug. 25. 03 iip
Shunzo SHIMAI  Residence Address	Shungo  811 Japan  Signature of Six  Hurosh	Shiman  Country of Citizensh Japan  The Inventor  Country of Citizensh Japan  214-0037 Japan  venth Inventor	Aug, 25, 03 ip  Date Aug. 25. 03 iip
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Jockd	No.	
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## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:					
My residence, post office address, and citizenship are as stated below next to my name.		_			

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITANIUM DIOXIDE FINE PARTICLES AND METHOD FOR PRODUCING THE SAME,

is attached hereto				
was filed on	as Application Scrial No.	and was a	monded on	_ (if applicable
dment referred to above.	d understand the contents of the abo formation which is known by me to			•
	' file nader Title IC Heitad States (	Code & 119 of any fo	color conficultants for a	ttaat on lavantaan
ficate listed below and have also application on which priority i	fits under Title 35, United States ( identified below any forcign applicat	ion for petent or invent	or's certificate having a fil	ing date before th
OR FOREIGN APPLICATION	·			
TR POREIGN AT LICATION	do)			
NUMBER	COUNTRY	DAY	MONTILYEAR FILED	PRIORITY CLAIMED
2002-271576	Japan	18/	September/2002	YES
2003-050677	Japan	27/	February/2003	YES
2003-275369	Japan	1	6/July/2003	YES
2002-271575	Japan	18/	September/2002	YES
2003-050678	Japan	27/	February/2003	YES
2003-275370	Japan	1	6/July/2003	YES
2003-081940	Japan	2	5/March/2003	YES
	le 35, United States Code, § 120 of a application is not disclosed in the a Code, § 112, I acknowledge the a Code of Federal Regulations § 1.50 ling date of this application:			
agraph of Title 15, United State critability as defined in Title 37, national or PCT international fi			ation(s) listed below and in polication in the manner pulson which is known by seen the filing date of the particles of the parties of the pa	
APPLICATION SERIAL N	O. FILING	DATE	STATUS: PATENTE ABANDON	D, PZNDING,
creby appoint as my attorneys, tent and Trademark Office connans, Reg. No. 26,269; John J. P. Saxe, Reg. No. 28,665; Richard all correspondence to FOLK dress telephone communication increby declare that all statement lieved to be true; and further the nishable by fine or imprisonment.	with full powers of substitution and a ceted therewith: Stephen A. Berst, eldhaus, Reg. No. 28,822; Donald Drd L. Schwash, Reg. No. 25,479; A Y & LARDNER, 3000 K Street, N. a to at (20 a made herein of my own knowledges these statements were made with the or the statements and the statements were made with the or both under Section 1001 of T	revocation, to prosocute Reg. No. 29,768; Davi . Jeffery, Reg. No. 19,9 rthur Schwartz, Reg. N W., Suite 500, P.O. Bo 22) 672-5300. ge are true and that all the knowledge that w itle 18 of the United St	status: Patente ABANDON  this application and trans d A. Blumenthal, Reg. N. 80; Peter G. Mack, Reg. 1 o. 22,115.  ex 25696, Washington, De statements made on informitful false statements and	not all business in 26,257; Joseph No. 26,001; Berni
APPLICATION SERIAL Needs appoint as my attorneys, tent and Trademark Office commans, Reg. No. 26,269; John J. P. Saxe, Reg. No. 28,665; Richard all correspondence to FOLK dress telephone communication acreby declare that all statement lieved to be true; and further the mishable by fine or imprisonment.	with full powers of substitution and a ceted therewith: Stephen A. Bent, eldhaus, Reg. No. 28,822; Donald Drd L. Schwab, Reg. No. 25,479; A Y & LARDNER, 3000 K Street, N. a to at (20 a made herein of my own knowledges these statements were made with at, or both, under Section 1001 of T application or any patent issued the	revocation, to prosecute Reg. No. 29,768; Davi . Jeffery, Reg. No. 19,9 rthur Schwartz, Reg. No. 19,9 or 20,672-5300. P.O. Bo 20,672-5300. The knowledge that will the knowledge that will 18 of the United Streon.	status: Patente ABANDON  this application and trans d A. Blumenthal, Reg. N. 80; Peter G. Mack, Reg. 1 o. 22,115.  ex 25696, Washington, De statements made on informitful false statements and	not all business in 26,257; Joseph No. 26,001; Berni
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APPLICATION SERIAL Near the series of the se	with full powers of substitution and a ceted therewith: Stephen A. Bent, Icldhaus, Reg. No. 28,822; Donald D. d. L. Schwash, Reg. No. 25,479; A Y & LARDNER, 3000 K Street, N. a to at (20 a made herein of my own knowledges these statements were made with at these statements were made with a r both, under Section 1001 of T application or any patent issued the enter	revocation, to prosecute Reg. No. 29,768; Davi . Jeffery, Reg. No. 19,9 rthur Schwartz, Reg. No. 19,9 or 20,672-5300. P.O. Bo 20,672-5300. The knowledge that will the knowledge that will 18 of the United Streon.	STATUS: PATENTE ABANDON  this application and trans d A. Blumenthal, Reg. N. 80; Peter O. Mack, Reg. 1 lo. 22,115.  ex 25696, Washington, De  statements made on infon iliful false statements and alca Code and that such w	n. FENDING, 120  act all business in 2. 26,257; Joseph No. 26,001; Berni 2. 20007-8696.  mation and belief the like so made illful false statem  Date
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DUCKEL	NO.	
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Full Name of Second Inventor	Signature of Seco	nd Inventor	Date
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		6.013	
Residence Address		Country of Citizenshi	P
Hadano-shi,Kanagawa Japan		Japan	l l
Post Office Address			
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		· ·	
Full Name of Third Inventor			
	Signature of Thi	ra inventor	Dato
Yugo ITO			1
Residence Address		Country of Citizenshi	p
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		Jupan	
Post Office Address 15-12, Victoria Heights Mac	hida,1037-2,Ko	ougasaka,	·
Machida-shi, Tokyo 194-0014 Japan	·		
Full Name of Fourth Inventor	Signature of Pos	irth Inventor	Dato
Tatsuya ISHII			
Residence Address		Country of Citizensh	<u> </u>
		Japan	ap
Machida-shi,Tokyo Japan		Japan	
Post Office Address			
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		A V	Date
Full Name of Fifth Inventor	Signature of Fil	un inventor	I Date
	Signature of Fi	in inventor	Date
Shunzo SHIMAI	Signature of Fil		
Shunzo SHIMAI Residence Address	Signature of Fil	Country of Citizensh	
Shunzo SHIMAI	Signature of Fit		
Shunzo SHIMAI Residence Address	Signature of Fil	Country of Citizensh	
Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address		Country of Citizensh	
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Shunzo SHIMAI  Residence Address  Tougane-shi, Chiba Japan  Post Office Address  62-4, Daikata, Tougane-shi, Chiba 283  Full Name of Sixth Inventor		Country of Citizensh Japan	
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